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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Application Number				
				Filing Date				
				First Named Inventor		Jeffrey P. Milsap		
				Group Art Unit				
				Examiner Name				
Sheet	1	Of	2	Attorney Docket Number		MILSJE-2		
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number	Kind Code <sup>2</sup> (If known)					
BTP ↑		4,359,944		Stiennon	11-23-1982			
		5,109,416		Croft	04-28-1992			
		5,404,406		Fuchigami et al.	04-04-1995			
		5,521,981		Gehring	05-28-1996			
		5,596,649		Liu	01-21-1997			
		5,668,884		Clair, Jr. et al.	09-16-1997			
		5,781,645		Beale	07-14-1998			
		5,889,870		Norris	03-30-1999			
		5,949,894		Nelson et al.	09-07-1999			
		5,974,152		Fujinami	10-26-1999			
		6,016,353		Gunness	01-18-2000			
		US 2001/0007591 A1		Pompei	07-12-2001			
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T <sup>6</sup>
		Office <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)					
Examiner Signature	J. J. J.				Date Considered	7/24/05		

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10024159		
		Filing Date			
		First Named Inventor	Jeffrey P. Milsap		
		Group Art Unit			
		Examiner Name			
Sheet	2	Of	2	Attorney Docket Number	MILSJE-2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BTP		"An Audio Spotlight creates a Personal Wall of Sound", Jennifer 8. Lee, New York Times on the Web <a href="http://www.nytimes.com">www.nytimes.com</a> , © 2001 New York Times Company	
BTP		"Time-Reversed Acoustics", Mathias Fink, Scientific American, November 1999, pgs. 91-97	
BTP		"Out of Thin Air", Trudy E. Bell, IEEE Spectrum, February 1997	
BTP		"A sound idea? Grad student's audio spotlight has companies' ears", Jennifer 8. Lee, Milwaukee Journal Sentinel, May 28, 2001, pp. G1, G3	

Examiner Signature		Date Considered	7/24/05
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

***(Use as many sheets as necessary)***

Application Number

10/024,159

Filing Date

**December 18, 2001**

**First Named Inventor**

**Jeffrey P. Milsap**

### Group Art Unit

2644

**Examiner Name**

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Sheet

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Of

1

Attorney Docket Number

**MILSJE-2**

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

2.2.2.5

Date \_\_\_\_\_

**Considered**

7/24/05

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

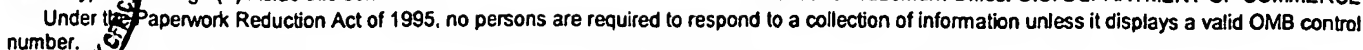
Application Number	10/024,159
Filing Date	December 18, 2001
First Named Inventor	Jeffrey P. Milsap
Group Art Unit	2644
Examiner Name	

Sheet	1	Of	1	Attorney Docket Number	MILSJE-2
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Substitute for form 1449A/PTO

*(Use as many sheets as necessary)*

Sheet

1

Of

1

Application Number

**10/024,159**

Filing Date

**December 18, 2001**

**First Named Inventor**

**Jeffrey P. Milsap**

### Group Art Unit

2644

**Examiner Name**

Attorney Docket Number

MILSJE-2

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**Examiner  
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Date  
Considered

7/29/05

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